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SILVERBROOK RESEARCH PTY LTD			PARK, CHAN S	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/803,073	SILVERBROOK, KIA
	Examiner	Art Unit
	CHAN S. PARK	2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 12 September 2008.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-6,8-28 and 31-35 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-6, 8-28 and 31-35 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.

5) Notice of Informal Patent Application

6) Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9/12/08 has been entered.

Response to Amendment

2. Applicant's amendment was received on 8/26/08, and has been entered and made of record. Currently, **claims 1-6, 8-28 and 31-35** are pending.

Terminal Disclaimer

3. The applicant indicated that the terminal disclaimer was filed along with the amendment on 8/26/08. However, no terminal disclaimer is received. The applicant is requested to file the terminal disclaimer for consideration to overcome the previous Non-Statutory Double Patenting Rejection.

Response to Arguments

4. Upon review of the references of Inoue (U.S. Patent No. 6,120,127) and Purpura (U.S. Patent No. 6,973,518), which were cited in the Office Action dated 7/29/08 under

35 U.S.C. 103(a), the examiner notes that the reference can still be interpreted to maintain the rejections, as currently amended.

With respect to claim 1, Inoue discloses a printing and displaying device comprising:

a flat panel display for displaying images (display unit 2103 in figs. 43 & 45);
a printer (printer unit 2105 in figs. 43 & 45) including a printhead for printing onto paper (col. 52, lines 25-34); and
a stand for supporting the flat panel display and the printer (note that the body with the hinge and legs supporting the display & printer units in figs. 43 & 45 are construed as the claimed stand) and,
a display data connection for receiving display data that is used to generate the images displayed on the flat panel display (since the device of Inoue process data to generate/display images on the display, the data is construed as the display data);
a print data connection for receiving the print data (since the device of Inoue process data to generate/print images, the data is construed as the print data), wherein the stand includes at least one receptacle configured to accept at least one replaceable ink cartridge for supplying ink to the printer (body including the printhead in col. 52, lines 25-34).

This particular embodiment of Inoue does not explicitly teach that the stand includes receptacle configured to accept a replaceable ink cartridge. However, Inoue, in the other embodiment, teaches the receptacle for accepting a replaceable ink cartridge (col. 26, lines 53-58). At the time of the invention, it would have been obvious

to one of ordinary skill in the art to include this receptacle for accepting a replaceable ink cartridge in order to replace the exhausted cartridge.

Inoue does not explicitly disclose that the device is configured to receive print data to be printed, and display data to be displayed, from a computer system.

Purpura, the same field of endeavor of the portable personal computer art (col. 5, lines 61-62), discloses a laptop computer configured to receive display data to be display from external computer system (receiving display data via Internet in col. 6, lines 25-34). Furthermore, the connection between the laptop and the external computer system is selective since the connection can be discontinued at anytime upon the user's request.

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the printing and display device of Inoue to communicate with computer system (Internet network) to receive image data for display and printing.

The suggestion/motivation for doing so would have been to provide a large database access to the user for displaying and printing images.

Therefore, it would have been obvious to combine Inoue with Purpura to obtain the invention as specified in claim 1.

5. The applicant states that the amended claim 1 is limited to "a stand alone computer monitor that has a flat panel display and a printer." First, the claim does not recite that the claimed printing and display device is a stand alone computer monitor. Second, it should be noted that the device of Inoue shown in figs. 43 & 45, is also a

stand alone device that has a flat panel display and a printer. If the applicant disagrees, the examiner respectfully requests the applicant to explain how the device of Inoue is not a stand alone device monitor. Although the structure of the current invention may be different from the device of Inoue, the difference is not apparent in claim wording.

The applicant further states that the display screens of Inoue are “permanently connected to their respective computers. The screens attached to the cited laptops can not selectively disconnect from the microprocessor.” However, upon careful review of the Specification filed on 3/18/04, the display device of the current invention also includes a processor which is clearly not detachable from the body. For example, fig. 2 clearly discloses a body of the display including a plurality of image processor for processing/convert the data into either actual display data or print data. Is the applicant stating that the plurality of processors in fig. 2 is detachable? Furthermore, as noted above, the Purpura connection between the laptop and the external computer system is selective since the connection can be discontinued at anytime upon the user’s request. Again, the current claim wording does not clearly distinguish the differences between the structure of the current invention and the device of Inoue.

Therefore, the previous rejections, as cited in the Office Action dated 8/1/08, are maintained in this Office action.

Claim Objections

6. Claims are objected to because of the following informalities:

Claim 1, line 3, "an external computer" should be -- the external computer --.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1, 3, 6, 8-16, 18, 21-24, 27, 28, 32 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue in view of Purpura.

With respect to claim 1, Inoue discloses a printing and displaying device comprising:

a flat panel display for displaying images (display unit 2103 in figs. 43 & 45);
a printer (printer unit 2105 in figs. 43 & 45) including a printhead for printing onto paper (col. 52, lines 25-34); and
a stand for supporting the flat panel display and the printer (note that the body with the hinge and legs supporting the display & printer units in figs. 43 & 45 are construed as the claimed stand) and,

a display data connection for receiving display data that is used to generate the images displayed on the flat panel display (since the device of Inoue process data to generate/display images on the display, the data is construed as the display data);

a print data connection for receiving the print data (since the device of Inoue process data to generate/print images, the data is construed as the print data), wherein the stand includes at least one receptacle configured to accept at least one replaceable ink cartridge for supplying ink to the printer (body including the printhead in col. 52, lines 25-34).

This particular embodiment of Inoue does not explicitly teach that the stand includes receptacle configured to accept a replaceable ink cartridge. However, Inoue, in the other embodiment, teaches the receptacle for accepting a replaceable ink cartridge (col. 26, lines 53-58). At the time of the invention, it would have been obvious to one of ordinary skill in the art to include this receptacle for accepting a replaceable ink cartridge in order to replace the exhausted cartridge.

Inoue does not explicitly disclose that the device is configured to receive print data to be printed, and display data to be displayed, from a computer system.

Purpura, the same field of endeavor of the portable personal computer art (col. 5, lines 61-62), discloses a laptop computer configured to receive display data to be display from external computer system (receiving display data via Internet in col. 6, lines 25-34). Furthermore, the connection between the laptop and the external computer system is selective since the connection can be discontinued at anytime upon the user's request.

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the printing and display device of Inoue to communicate with computer system (Internet network) to receive image data for display and printing.

The suggestion/motivation for doing so would have been to provide a large database access to the user for displaying and printing images.

Therefore, it would have been obvious to combine Inoue with Purpura to obtain the invention as specified in claim 1.

With respect to claim 3, Inoue discloses a printing and display device as claimed in claim 1, wherein at least one receptacle is formed in base portion of the stand. Note that the body of fig. 36 is construed as the base portion of the stand. Furthermore, at the time of the invention it would have been obvious to one of ordinary skill in the art to place the receptacle in the base portion since the printhead is located in the base portion.

With respect to claim 6, Purpura discloses a printing and display device, configured to receive print data to be printed, and display data to be displayed from the computer system (receiving display data via Internet in col. 6, lines 25-34). Also, refer to the argument presented above in claim 1.

With respect to claim 8, Purpura discloses a printing a display device as claimed in claim 1, wherein the connection includes at least one socket for accepting at least one corresponding data cable (Ethernet cable in col. 8, lines 17-35).

With respect to claim 9, Purpura discloses a printing a display device as claimed in claim 1, wherein the connection includes a wireless receiver for receiving the print data and/or the display data (wireless card in col. 8, lines 17-35 & fig. 4).

With respect to claim 10, Purpura discloses a printing a display device as claimed in claim 1, wherein the connection is a Universal Synchronous Bus (USB) connection (USB in col. 8, lines 17-35).

With respect to claim 11, Inoue discloses a printing and display device, further including a paper feed mechanism for feeding paper to the printhead for printing, the printhead being arranged to print onto the paper (note that single sheet from the tray is fed for printing according to fig. 39).

With respect to claim 12, Inoue discloses a printing and display device, wherein the paper feed mechanism is configured to position the paper substantially parallel in at least one direction with respect to a plane defined by the flat panel display (note that the paper in the tray is fed to the printhead 1406 wherein the paper at that position is substantially parallel to the display device 1104 in fig. 36).

With respect to claim 13, Inoue discloses a printing and display device as claimed in claim 9 or 10, wherein the paper feed mechanism is configured to accept a single sheet of paper at a time for printing (note that a single sheet in the tray is fed at a time for printing according to fig. 38).

With respect to claim 14, Inoue discloses a printing and display device, wherein the paper feed mechanism includes a paper separator for feeding a single sheet of

paper to the printhead from a stack of sheets of paper (note that a single sheet in the tray is fed at a time for printing according to fig. 38).

With respect to claim 15, Inoue discloses a printing and display device, wherein the printer is a process color printer (printer having a color recording head in col. 52, lines 54-61).

With respect to claim 16, Inoue discloses a printing and display device, wherein the printer is an inkjet printer (ink jet recording apparatus in col. 53, lines 26-28).

With respect to claim 18, Inoue discloses a printing and display device, wherein the printer is a page-width printer (col. 52, lines 25-34).

With respect to claim 21, Inoue discloses a printing and display device, configured to enable printing of standard A4 or Letter sized sheets of paper (col. 15, lines 21-23).

With respect to claim 22, Inoue discloses a printing and display device, configured such that paper to be printed is fed manually into a paper path (user must manually place the papers in the tray in fig. 68) that directs the paper from a region adjacent the upper edge of the flat panel display, past the printhead for printing, then out of the device adjacent a lower edge of the flat panel display (referring to fig. 68, the paper is initially fed from the region adjacent to the upper edge of the flat panel display and then out from the bottom part of the display according to fig. 68).

Also, note that the printing and display device as shown in fig. 68 includes a stand (the body and the legs supporting the actual display device) wherein the stand holds the printhead (3302) for printing onto a paper.

With respect to claim 23, Inoue discloses a printing and display device, further including a curved paper guide disposed (guide 3332 in fig. 68), when the device is in use, beneath the flat panel display (fig. 68), such that the paper that has been printed is urged horizontally as it exits the device (discharging the printed paper in fig. 68).

With respect to claim 24, Inoue discloses a printing and display device, wherein the flat panel display is Liquid Crystal Display (display in col. 40, lines 65-67).

With respect to claim 27, Inoue discloses a printing and display device, wherein the printhead is configured to print photographic images (col. 42, lines 44-45). It is apparent that the printer of fig. 68 is also used to print images.

With respect to claim 28, Inoue discloses a printing and display device, wherein the printhead is configured to print image and text data (col. 42, lines 44-45 & fig. 1). It is apparent that the printer of fig. 68 is also used to print characters and images.

With respect to claim 32, Inoue discloses a printing and display device, further comprising:

the device being configured such that, during printing, the paper being printed passes between the flat panel display and the printhead (discharging the paper between the display and the printhead in col. 29, line 66 – col. 30, line 6), or passes behind the flat panel display and the printhead relative to a viewing position of the flat panel display.

With respect to claim 33, Inoue discloses a printing and display device, further comprising:

a multi-sheet paper holder (tray for holding papers according to col. 31, lines 45-46 & tray 3333 or automatic paper sheet feeding device 3330 in col. 44, lines 40-54); and

a paper sheet separator configured to separate a single paper sheet from the paper in the paper holder for supply to the printhead (a single sheet is fed automatically in the printing unit for printing in col. 31, lines 55-60 & col. 44, lines 42-44).

1. Claims 2 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Inoue and Purpura as applied to claim 1 above, and further in view of Nicolas et al. U.S. Patent No. 6,593,944 (hereinafter Nicolas).

With respect to claim 2, the combination discloses a printing and display device as claimed in claim 1, but it does not explicitly disclose that the viewable size of the printing and display device exceeds 40cm along a diagonal of the printing and display device.

Nicolas, the same field of endeavor of the laptop computer art, discloses a laptop with a 17-inch monitor display (col. 1, lines 46-49). Note that 17-inch is longer than 40 cm.

At the time of the invention, it would have been obvious to one of ordinary skill in the art to incorporate a bigger (17-inch monitor) display into the printing and display device of Inoue.

The suggestion/motivation for doing so would have been to provide a wider and bigger display for viewing images.

Therefore, it would have been obvious to combine Inoue with Nicolas to obtain the invention as specified in claim 2.

With respect to claim 19, the combination discloses a printing and display device as claimed in claim 1, but it does not explicitly disclose that the flat panel display measures at least 14 inches on the diagonal.

Nicolas, the same field of endeavor of the laptop computer art, discloses a laptop with a 17-inch monitor display (col. 1, lines 46-49).

At the time of the invention, it would have been obvious to one of ordinary skill in the art to incorporate a bigger (17-inch monitor) display into the printing and display device of Inoue.

The suggestion/motivation for doing so would have been to provide a wider and bigger display for viewing images.

Therefore, it would have been obvious to combine Inoue with Nicolas to obtain the invention as specified in claim 19.

2. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Inoue and Purpura as applied to claim 1 above, and further in view of Inui et al. U.S. Patent No. 6,086,185 (hereinafter Inui).

With respect to claim 4, the combination discloses a printing and display device of claim 1, but it does not explicitly disclose that the device includes at least one ink duct configured to supply ink from the cartridge to the printhead when the cartridge is engaged with the receptacle.

Inui, the same field of endeavor of the inkjet printer art, discloses ink cartridges attached from rearward of printhead wherein the ink is supplied to the printhead through pipes/ducts.

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the printer of Inoue to include the ink pipes/ducts as taught by Inui.

The suggestion/motivation for doing so would have been to place ink cartridges away from the printhead for saving space around the printhead.

Therefore, it would have been obvious to combine three references to obtain the invention as specified in claim 4.

3. Claims 5, 17, 20 and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Inoue and Purpura as applied to claim 1 above, and further in view of Silverbrook U.S. Patent No. 5,984,446.

With respect to claim 5, the combination discloses a printing and display device of claim 1, but it does not explicitly disclose that the printer includes at least two printheads, the printheads being disposed on either side of a path through which print media is fed for printing, thereby enabling substantially simultaneous printing of both sides of the paper.

Silverbrook, the same field of endeavor of the inkjet printing art, discloses an inkjet printer including at least two printheads (printheads 50 in fig. 12), the printheads being disposed on either side of a path through which print media is fed for printing,

thereby enabling substantially simultaneous printing of both sides of the paper (printing on both sides by two printheads according to col. 49, lines 29-32 & fig. 12).

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the printer of Inoue to incorporate another printhead as taught by Silverbrook.

The suggestion/motivation for doing so would have been to facilitate a faster double-side printing by eliminating the step feeding back the printed paper for the second side printing.

Therefore, it would have been obvious to combine Inoue with Silverbrook to obtain the invention as specified in claim 5.

With respect to claim 17, the combination discloses a printing and display device of claim 1, but it does not explicitly disclose that the printer has more than 5,000 inkjet nozzles.

Silverbrook, the same field of endeavor of the inkjet printing art, discloses an inkjet printer including more than 5,000 inkjet nozzles (col. 19, lines 1-3).

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the printhead of Inoue to include more than 5,000 inkjet nozzles as taught by Silverbrook.

The suggestion/motivation for doing so would have been to provide a faster and more efficient color inkjet printing process (col. 19, lines 1-11 of Silverbrook).

Therefore, it would have been obvious to combine Inoue with Silverbrook to obtain the invention as specified in claim 17.

With respect to claims 20 and 34, arguments analogous to those presented for claim 5, are applicable.

4. Claims 25 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Inoue and Purpura as applied to claim 1 above, and further in view of Morikawa et al. U.S. Patent No. 6,771,388 (hereinafter Morikawa).

With respect to claim 25, the combination discloses a printing and display device of claim 1, but it does not explicitly disclose the printhead configured to receive halftoned print data to be printed onto the paper.

Morikawa, the same field of endeavor of the inkjet printing art, discloses an inkjet printer wherein the inkjet printer processes image data to generate halftoned print data (col. 9, lines 1-11) and prints the halftoned print data using printhead (col. 9, lines 36-45).

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the printhead of Inoue to receive halftoned print data to be printed onto the paper as taught by Morikawa.

The suggestion/motivation for doing so would have been to reduce or eliminate the discontinuous gradation reproduction by applying the halftone processing to the printer of Inoue (abstract of Morikawa).

Therefore, it would have been obvious to combine Inoue with Morikawa to obtain the invention as specified in claim 25.

With respect to claim 26, the combination discloses a printing and display device of claim 1, but it does not explicitly disclose the device including a halftoning unit for generating image data and supplying it to the printhead for printing.

Morikawa, the same field of endeavor of the inkjet printing art, discloses an inkjet printer wherein the inkjet printer processes image data to generate halftoned print data (col. 9, lines 1-11) and prints the halftoned print data using printhead (col. 9, lines 36-45).

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the printer of Inoue to incorporate the halftoning unit to generate halftone image data and to print the data using the printhead as taught by Morikawa.

The suggestion/motivation for doing so would have been to reduce or eliminate the discontinuous gradation reproduction by applying the halftone processing to the printer of Inoue (abstract of Morikawa).

Therefore, it would have been obvious to combine Inoue with Morikawa to obtain the invention as specified in claim 26.

5. Claim 31 is rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Inoue and Purpura as applied to claim 1 above, and further in view of Nickum U.S. Patent No. 7,003,279.

With respect to claim 31, the combination discloses the printing and display device as claimed in claim 1 wherein Purpura discloses a laptop computer configured to

receive display data to be display from computer system (receiving display data via Internet in col. 6, lines 25-34).

The combination of Inoue and Purpura, however, does not explicitly disclose a data connection for receiving print data from a computer; and a data connection hub.

Nickum, the same field of endeavor of the laptop computer art, discloses a laptop (laptop computer 400 in fig. 5) computer including a data connection (interface) for receiving data from a computer; and a data connection hub configured to allow connection of at least one data-receiving device to the laptop device, enabling the data-receiving device (external wireless interface device in fig. 5) to receive data (display and print data) from the computer (external wireless interface device col. 5, lines 48-54 for receiving data from the network).

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the laptop of Inoue to include the interface for connecting the external wireless interface device for receiving display data and print data as taught by Nickum.

The suggestion/motivation for doing so would have been to provide a wireless connection to the laptop even if the laptop does not have the internal wireless capability.

Therefore, it would have been obvious to combine three references to obtain the invention as specified in claim 31.

6. Claim 35 is rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Inoue and Purpura as applied to claim 1 above, and further in view of Shenoy et al. U.S. Patent Application No. 2003/0197887 (hereinafter Shenoy).

With respect to claim 35, Inoue discloses a printing and display device as claimed in claim 1, wherein the device further includes an interface for receiving input from a user indicative of a print command (user inputting a recording command in col. 30, lines 40-45).

Inoue, however, does not explicitly teach that the device is configured to receive documents to be printed from a computer system; send, from the device to the computer system, a print request; receive, from the computer system and in response to the print request, a document to be printed; and print the document.

Shenoy, the same field of endeavor of printer accepting the print command (a user input for retrieving documents for print in paragraph 45), discloses a printer configured to:

receive documents to be printed from a computer system (paragraph 57); send, from the printer to the computer system, a print request (request for the document in paragraph 57); receive, from the computer system and in response to the print request, a document to be printed (receiving/pulling document from the job store 140 in paragraph 57); and print the document (paragraph 57).

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the device of Inoue to include the function of requesting a desired document via the network as taught by Shenoy.

The suggestion/motivation for doing so would have been to save the memory in the printer by saving the print jobs at the external location.

Therefore, it would have been obvious to combine Inoue and Shenoy to obtain the invention as specified in claim 35.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHAN S. PARK whose telephone number is (571)272-7409. The examiner can normally be reached on M-F 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/CHAN S PARK/
Examiner, Art Unit 2625

September 17, 2008